

6 October 2005

Ms. Joyce L. Munie, P.E., Manager Permit Section, Division of Land Illinois EPA 1021 N. Grand Avenue P.O. Box 19276 Springfield, IL 62794-9276

RE: Your September 21, 2005 Letter to Techalloy (ILD005178975)

Dear Ms. Munie:

Thank you for your letter clarifying our RCRA status.

Per your request in item 3 of the letter, you have requested a summary report of the progress made on the Administrative Order on Consent (AOC) that we have entered into with U.S.EPA. Matrix Environmental, Inc. has assembled this in a tabular format that is presented in the same order as the AOC. This summary is attached to this letter.

If you have any questions on this information, please do not hesitate to contact me.

Very truly yours, TECHALLOY, INC.

Scott Carr

cc:

Environmental Coordinator

Ms. Bhooma Sundar – U.S. EPA



Techalloy's Progress on Completion of Work to be Performed in RCRA 3000(h) Consent Order as of October 1, 2005

Heading	Work to Be Performed	Status
Α	Perform acts specified in this section, in the manner and by the dates specified herein, as approved by EPA in accordance with Section IX., Agency Approvals/Proposed Contractor.	Ongoing
В.	Apply for all permits and authorizations required for work conducted under this order.	Complete
C.	Work to be performed in a manner consistent with Attachment 1, Scope of Work for Corrective Measures Implementation and the approved Final Design, any work plans and other submittals.	Ongoing
D.1.	Private Wells – Within 30 days of the effective date of the order, make offer in writing to each property owner identified in Exhibit A to provide connection to city water supply. If property owner accepts, provide this connection within 180 days and, if the owner permits, arrange for the proper abandonment of the well.	Complete
D.2.	Private Wells – Where the owner refuses connection and for properties listed on Attachment B, perform quarterly sampling and analysis at these properties in accordance with the PWSP (1993). Provide results to property owners and EPA within 15 days of receipt of results. Sampling will continue until EPA notifies Techalloy in writing that sampling and analysis.	Complete
D.3.	Private Wells – If property owner from Exhibit A who originally refused connection decides in the future that they want to connect, connection must be made within 180 days of such notification and, if the property owner consents, shall also properly abandon the well on that property.	Complete
E.	Upgrade Groundwater Recovery System (GRS) to include additional well and additional Capacity within 140 days of approval of all necessary permits. Within 15 days of becoming operational, notify EPA. Perform aquifer test on new well. Within 60 days of the GRS becoming fully operational, submit as built plans and specifications to EPA.	Complete
E. (cont'd)	GRS to remain operational until performance standards are achieved.	Ongoing
F.	Install asphalt cap.	Complete
G	Revise facility deed restriction within 60 days of completion of the asphalt cap.	Complete
H.	Support design of air sparge/soil vapor extraction (AS/SVE) system with additional field data, as needed, a pilot study and preliminary testing. Submit draft final design for AS/SVE120 days after the asphalt cap completion.	Complete
I.	Revise draft final design of AS/SVE with 45 days of receipt of EPA's comments.	Complete
J.	AS/SVE to be fully operational 120 days after approval of the final design by EPA.	Complete
K.	Perform sitewide sampling and analysis of monitoring wells in accordance with the final design.	Ongoing

L.	Complete RCRA HWMU closure of acid treatment unit, acid pits and copper cyanide tanker. (Note: State has eliminated the cyanide tanker as a SWMU.)	Ongoing
M.	Order does not constitute warranty or any kind of representation by EPA that	General
141.	compliance will achieve performance standards. Techalloy is responsible to	General
	achieve the performance standards.	1
N.	If EPA concludes work not completed in accordance with order, EPA will	General.
14.	notify in writing of activities necessary to complete work. Respondent to	General.
	submit schedule for performance of activities to EPA within 30 days of receipt.	
O.	If performance standards have been met to the degree that operation of the	General
0.	AS/SVE and/or GRS may be modified from the final design, provide 45 notice	General
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D 1	to EPA in writing with data to support the modification	C1
P.1.	Interim Measures – If threat, new release or new SWMU identified, notify EPA	General
	within 48 hours and in writing within seven days summarizing the threat. Upon	
	written request by EPA, submit an interim measures work plan and schedule in	
	accordance with scope and schedule established by EPA. Implement work plan	
	as approved by EPA.	
P.2.	Interim Measures – If EPA identifies, P.1. must be followed, except that	General
	Techalloy has 30 days to develop an IM work plan after receipt of EPA's	
	written notification.	
P.3.	Interim Measures – IM work plans to ensure IMs designed to mitigate threats	General
	and contribute to the long term remedy.	
Q.1.	Additional Work – EPA may determine and Techalloy may propose that certain	General
	tasks are necessary in lieu of or in addition to tasks in EPA approved work	
	plans or when work is necessary.	
Q.2.	Interim Measures – EPA to notify in writing with basis that additional work is	General
-	necessary. EPA will meet with Techalloy within 30 days to discuss.	
Q.3.	Interim Measures – If required by EPA, submit work plan for additional work	General
	for EPA approval within 60 days or in accordance with an alternative schedule	
	by EPA. EPA will specify the contents of the work plan.	
Q.4.	Interim Measures – Upon approval of work plan by EPA, implement according	General
	to schedule.	·
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January 27, 2005

USEPA Region 5 Ms. Jacqueline Miller Associate Regional Counsel 77 West Jackson Boulevard Chicago, IL 60604-3590

Re: RCRA Section 3008(h) Administrative Order on Consent for Corrective Measures Implementation — Techalloy Company, Inc., ILD 005178975 — Substitution of Financial Mechanism

Dear Ms. Miller:

This is to inform you that Techalloy Company, Inc. intends to establish an alternate financial mechanism for corrective measures implementation at its facility in Union, IL, in lieu of the corporate guarantee currently being provided by Ugine-Savoie Imphy. Documentation of an alternate financial mechanism will be submitted to EPA for review and approval in the near future. Once the alternate mechanism has been approved by EPA, the current corporate guarantee will be terminated.

Thank you for your cooperation in this regard. If you need additional information please feel free to contact me at (201) 529-0900 ext. 114. I look forward to hearing from you at your earliest convenience.

Sincerely,

Henry Lopes

Vice President Operations

copy: Margaret Rosegay, Pillsbury Winthrop LLP

CERTIFIED MAIL RETURN RECEIPT REQUESTED

DE-9J

Mr. Henry Lopes Techalloy Company, Inc. 370 Franklin Turnpike Mahwah, New Jersey 07430

Re: RCRA 3008(h) Consent Order
Techalloy Company, Inc.
Union, Illinois
U.S. EPA ID # ILD 005 178 975

Dear Mr. Lopes:

Enclosed is a draft Administrative Order on Consent (Consent Order) proceeding under the authority of Section 3008(h) of the Resource Conservation and Recovery Act (RCRA). This Consent Order sets forth the implementation of the selected remedy as specified in the RCRA Final Decision for the Techalloy Facility.

I understand that the work requirements and schedules for implementing the remedy have been discussed by your representative, Weston Engineers, and William Buller of my staff, and that general agreement was reached on these matters. The language within the Consent Order is not subject to modification unless site specific considerations warrant such a change. Factual information, submittal dates, penalty amounts and the scope of work may be subject to limited modifications. If you find the Consent Order acceptable, please return the Consent Order with the appropriate signature within forty-five (45) days of receipt of this letter. If you wish to suggest modifications to the Consent Order, please contact William Buller within fifteen (15) days of receipt of this letter to discuss the proposed modifications.

Your cooperation in resolving this matter is appreciated. Sincerely yours,

Joseph M. Boyle, Chief Enforcement and Compliance Assurance Branch Waste, Pesticides and Toxics Division

Enclosure

cc: Kevin Lesko, IEPA enclosure sent electronically

bcc: Jacqueline Kline, ORC w/o enclosure

ENFORCEMENT AND COMPLIANCE ASSURANCE BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
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AUTHOR/ TYPIST	MINN/OHIO SECTION CHIEF	MICHIGAN/ WISCONSIN SECTION CHIEF	ILLINOIS/ INDIANA SECTION CHIEF	ECAB BRANCH CHIEF	WPTD DIVISION DIRECTOR
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5/20197 To Record Contra-

DRE-8J

DATE: MAY 2 0 1997

SUBJECT: TECHNICAL SUPPORT FOR TECHALLOY FACILITY, UNION,

ILLINOIS

FROM: Paul little, Chief

Michigan/Wisconsin Section

Enforcement and Compliance Assurance Branch

TO: Donald Draper, Director of Technical Assistance

Technical Assistance Technological Transfer Branch

Subsurface Protection and Remediation Division Nation Risk Management Research Laboratory

U.S. Environmental Protection Agency

Ada, Oklahoma 74820

This memorandum is to formally request technical support by your staff and to provide some definition of the scope of work requested.

The Techalloy facility is performing corrective action under a RCRA 3008(h) Consent Order. The facility recently submitted a report which presents their interpretation of the zone of capture created by an extraction well at the site. This report and support data is enclosed with this letter.

It will be greatly appreciated if you could provide a response concerning the capture zone evaluation within about thirty days. It is also anticipated that Region 5 will request additional support from your staff as the corrective action process moves to the remedy selection and implementation stages. To discuss this project further, please call Bill Buller of my staff at (312) 886-4568.

Thank you in advance for your support.

enclosure

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION V

DATE:

JAN 2 7 1993

SUBJECT:

Techalloy Company, Inc.

3008(h) Corrective Action Consent Order

ILD 005 178 975

FROM:

Norman R. Niedergang, Acting Associate

Division Director Office of RCRA

TO:

William E. Muno, Acting Director

Waste Management Division

Please find attached for your review two copies of the Administrative Order on Consent issued pursuant to the authority of Section 3008(h) of the Resource Conservation and Recovery Act. This Consent Order requires Techalloy Company to perform interim corrective measures to mitigate ground-water contamination, and to complete a RCRA Facility Investigation to thoroughly evaluate the nature and extent of the release of hazardous waste and hazardous waste constituents at their Union, Illinois facility. The Consent Order also requires the company to complete a Corrective Measures Study to determine the appropriate method(s) to fully address .the contamination.

We recommend that you sign the Administrative Order on Consent on behalf of Region V.

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Attachments

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Mr. Henry Lopes Techalloy Company, Inc. 370 Franklin Turnpike Mahwah, New Jersey 07430

> Re: RCRA 3008(h) Consent Order Techalloy Company, Inc. ILD 005 178 975

Dear Mr. Lopes:

This letter is to acknowledge receipt of the Administrative Order on Consent signed by Techalloy Company, Inc. A fully executed copy of it is enclosed for your files.

Please contact Mr. William Buller of my staff at (312) 886-4568, if you have any questions. Your cooperation in resolving the matter is appreciated.

Sincerely yours,

Norman R. Niedergang, Acting Associate Division Director Office of RCRA Waste Management Division

Enclosure

cc: Gary King, IEPA
Paul Jagiello, IEPA

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

NOV 3 0 1992

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Dennis P. Harkawik LeBoeuf, Lamb, Leiby & MacRae 125 West 55th Street New York, New York 10019

Re: RCRA 3008(h) Consent Order Techalloy Company, Inc.

ILD 005 178 975

Dear Mr. Harkawik:

Enclosed are two copies of a Consent Order which has been revised to incorporate the provisions contained in my November 20, 1992, letter to you. These changes to the Consent Decree, which were made at the request of your client, the Techalloy Company, Inc., can be found at subsection II.B, on page 2, and subsection XV.D, on page 28.

As it has stated before, the United States Environmental Protection Agency (U.S. EPA) believes that it, the Illinois Environmental Protection Agency, and the Techalloy Company, Inc., have entered into good faith discussions on this matter and that the Consent Order can be finalized in the near future. Please review the revised Consent Order and if you find it acceptable, have the two originals signed by the appropriate party. Please return the copies to me as expeditiously as possible. At that point, the Consent Order will go through final approval by U.S. EPA management and both copies of the Consent Order will be signed by U.S. EPA representatives. One executed copy then will be returned to you.

If you wish to discuss this matter further, please call me at (312) 886-7167 or William Buller at (312) 886-4568.

Sincerely yours,

Jacqueline Kline

Assistant Regional Counsel

Enclosures

cc: Paul Jagiello, IEPA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

NOV 2 0 1992

REPLY TO THE ATTENTION OF:

SENT BY FACSIMILE AND U.S. MAIL

Dennis P. Harkawik LeBoeuf, Lamb, Leiby & MacRae 125 West 55th Street New York, New York

> Re: RCRA 3008(h) Consent Order Techalloy Company, Inc. ILD 005 178 975

Dear Mr. Harkawik:

During a telephone conversation on November 12th, you mentioned to me certain changes to the Consent Order for RCRA corrective action at the Techalloy Company facility in Union, Illinois, which your client, the Techalloy Company, would like made. This letter contains the U.S. EPA's response to each change requested by you.

You asked whether the effective date of the Consent Order, which Section XXIV states is the date of signature by the Director, Waste Management Division, U.S. EPA, Region V, could be changed to the date that the Techalloy Company receives the executed Consent Order. Your concern was that by the time your client received notice that the Consent Order was effective, it might have lost valuable days in implementing the actions required by the Consent Order. During our telephone conversation, I asked whether, rather than changing the effective date of the Consent Order, your client's concern could be adequately addressed if I committed to informing you by telephone of the date that the Consent Order was signed and became effective. You indicated that this would be an adequate solution. After further consideration, this remains the U.S. EPA's position. No later than one business day after the effective date of the Consent Order, I will inform you of the effective date by telephone or facsimile, as you wish.

In Paragraph B of Section II of the Consent Order, you requested the addition of language that would allow the Techalloy Company's responsibilities under the Consent Order to be altered following a change in ownership or corporate status if both parties to the Consent Order so agreed. When I mentioned that the Subsequent Modification section of the Consent Order, Section XXI, would allow for this, you stated that you would be satisfied if the provisions of Section XXI were explicitly referenced in Paragraph B of Section II. On this matter, therefore, the

U.S. EPA will agree to Paragraph B of Section II containing the following text:

"No change in ownership or corporate or partnership status relating to the Facility will in any way alter the Respondent's responsibility under this Consent Order unless the U.S. EPA and the Respondent mutually agree to the altering of Respondent's responsibility under this Consent Order and amend this Consent Order, in accord with the procedures contained in Paragraph A of Section XXI of this Consent Order, to state the alterations of Respondent's responsibility on which they mutually agree."

Concerning the designation in the Consent Order of the person or official who will resolve a dispute after negotiations between the parties fail, the U.S. EPA agrees to designate the Associate Waste Management Division Director, Office of RCRA, U.S. EPA, Region V, as the decision-making official. Consequently, Paragraph D of Section XV will read in part:

"Following expiration of the time period described in Paragraph B above, if the U.S. EPA does not concur with the position of the Respondent, the U.S. EPA, as represented by the Associate Waste Management Division Director, Office of RCRA, U.S. EPA, Region V, shall resolve the dispute"

You also requested changes to the Reservation of Rights section and sent me the revisions preferred by your client. The U.S. EPA will not agree to make these changes. As you may know, the text of the Reservation of Rights section is "boilerplate" in all Consent Orders for corrective action pursuant to RCRA Section 3008(h). Because there is no reason specific to the Techalloy facility to change the "boilerplate" language, the U.S. EPA will not agree to do so.

Please let me know whether your client will sign the Consent Order on the conditions stated in this letter. If your client is in agreement, the U.S. EPA will then make the necessary changes to the Consent Order and send it to Mr. de Ravel d'Esclapon in order to secure your client's signature.

Sincerely,

Jacqueline Kline

Assistant Regional Counsel

cc: Paul Jagiello, IEPA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

OCT 3 0 1992

REPLY TO THE ATTENTION OF: HRE-8J

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Pierre de Ravel d'Esclapon, Esq. LeBoeuf, Lamb, Lieby and MacRae 520 Madison Avenue New York, New York

> Re: RCRA 3008(h) Consent Order Techalloy Company, Inc. ILD 005 178 975

Dear Mr. de Ravel d'Esclapon:

Enclosed are two copies of a Consent Order which has been revised to incorporate provisions discussed by representatives of the Illinois Environmental Protection Agency, the United States Environmental Protection Agency (U.S. EPA), and Techalloy Company, Inc. These discussions occurred subsequent to my letter to you of May 27, 1992, which provided a ninety day (90) negotiation period to reach an agreement on the Consent Order. In a letter dated August 31, 1992, U.S EPA extended the negotiation period an additional thirty (30) days.

U.S. EPA believes that the three parties have entered into good faith discussions on this matter and that the Consent Order can be finalized in the near future. Please review the revised Consent Order and if you find the Consent Order acceptable, have the originals signed by the appropriate party or parties. Please return the copies to me as expeditiously as possible. U.S. EPA will then sign both documents and return one to you.

If you wish to discuss this matter further, please call Jacqueline Kline at (312) 886-7167 or William Buller at (312) 886-4568.

Sincerely yours,

Joseph M. Boyle, Chief RCRA Enforcement Branch

Enclosure

cc: Paul Jagiello, IEPA

CERTIFIED MAIL RETURN RECEIPT REQUESTED

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U.S. EPA believes that the three parties have entered into good faith discussions on this matter and that the Consent Order can be finalized in the near future. Please review the revised Consent Order and if you find the Consent Order acceptable, have the originals signed by the appropriate party or parties. Please return the copies to me as expeditiously as possible. U.S. EPA will then sign both documents and return one to you.

If you wish to discuss this matter further, please call Jacqueline Kline at (312) 886-7167 or William Buller at (312) 886-4568.

Sincerely yours,

Joseph M. Boyle, Chief RCRA Enforcement Branch

Enclosure

cc: Paul Jagiello, IEPA

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bcc: J. Kliņe



THREE HAWTHORN PARKWAY, SUITE 400 VERNON HILLS, IL 60061-1450 708-918-4000 • FAX: 708-918-4055

DEGETVED 25 August 1992

Mr. Joseph M. Boyle RCRA Enforcement Branch United States Environmental Protection Agency Region V 77 West Jackson Boulevard Chicago, Illinois 60604-3590

OFFICE OF RCRA
Waste Management Division
U.S. EPA, REGION V.

Work Order No. 01989-008-001

Re:

RCRA 3,008(h) Consent Order

Techalloy Company, Inc. Request for Extension

Dear Mr. Boyle:

Roy F. Weston, Inc. (WESTON_®) is currently negotiating the Administrative Order on Consent (consent order) on behalf of Techalloy Company, Inc. (Techalloy) for the Union, Illinois facility. Discussion with Mr. William Buller at the U.S. EPA Region V has resulted in good faith discussion with regards to the consent order. In order to allow for additional time for good faith discussion and internal processing by the U.S. EPA, WESTON is requesting an additional 30-day extension to finalize the consent order. The additional time required will also allow for signature approvals by both the U.S. EPA and Techalloy. The final signed and approved consent order will be provided by 28 September 1992.

Your cooperation in this matter is greatly appreciated. If you have any questions, please do not hesitate to contact me.

Very truly yours,

ROY F. WESTON, INC.

Carlos J. Serna, P.G. Senior Project Manager

CJS:jcj

cc: W. Buller, U.S. EPA

K. Lesko, IEPA

J. Thorsen, WESTON

H. Lopes, Techalloy

R. Perlick, Techalloy

D. Harkawik, LeBoeuf, Lamb, Lieby, and MacRae

AUG 3 1 1992 HRE-8J

Mr. Carlos J. Serna Three Hawthorne Parkway - Suite 400 Vernon Hills, Illinois 60061-1450

Re: Techalloy Company, Inc. ILD 005 178 975

Dear Mr. Serna:

The United States Environmental Protection Agency has received your letter of August 25, 1992, in which you requested a thirty (30) day extension to finalize an Administrative Order on Consent (AOC) with Techalloy Company, Inc.

Since the AOC in development includes rather extensive provisions for the Interim Measures to mitigate ground-water contamination, the thirty-day extension to finalize the AOC is granted.

If you have any questions on this matter, please call William Buller of my staff at (312) 886-4468.

Sincerely yours,

Joseph M. Boyle, Chief RCRA Enforcement Branch

cc: J. Kline (ORC)

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Seat - May 27, 1992 Recieved - June 10, 1992

HRE-8J

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Pierre de Ravel d'Esclapon, Esq. LeBoeuf, Lamb, Lieby and MacRae 520 Madison Avenue New York, New York

> Re: RCRA 3008(h) Consent Order Techalloy Company, Inc. ILD 005 178 975

Dear Mr. de Ravel d'Esclapon:

Enclosed is a draft Administrative Order on Consent (Consent Order) proceeding under the authority of Section 3008(h) of the Resource Conservation and Recovery Act (RCRA). This Consent Order has been drafted to address documented releases of hazardous wastes or hazardous constituents at the referenced facility. The United States Environmental Protection Agency (U.S. EPA) has determined that a RCRA Facility Investigation (RFI) and Corrective Measures Study (CMS) are necessary at the facility in order to protect human health and welfare and the environment.

In order to promote timely settlement of this matter, U.S. EPA, Region 5 will provide a maximum ninety (90) day period upon receipt of this letter, for agreement to a Consent Order. If an agreement can not be reached within this timeframe or Respondent fails to enter into good faith discussions, an Administrative Order (Unilateral Order) will be issued to address releases of hazardous wastes or hazardous constituents at the facility.

The U.S. EPA and the Illinois Environmental Protection Agency are willing to meet as necessary to reach an agreement on a Consent Order. The purpose of the meetings during the ninety (90) day settlement period is to provide you with an understanding of the Consent Order requirements and to determine any modifications necessary to more accurately represent site specific conditions. The language within the Consent Order is not subject to modification unless site specific considerations warrant such a change. Factual information, submittal dates, penalty amounts and the scopes of work may be subject to limited modifications.

Within fifteen (15) days of receipt of this letter, please contact William Buller (312) 886-4568 to determine a date for an initial meeting at the U.S. EPA, Region 5 Office. This meeting should occur within thirty (30) days of receipt of this letter and an agenda must be proposed at least five (5) days prior to the meeting. A proposed schedule for future meetings within the ninety (90) day settlement period should be provided at the initial meeting.

Your cooperation in resolving this matter is appreciated.

Sincerely yours,

Joseph M. Boyle, Chief RCRA Enforcement Branch

Enclosure

cc: Paul Jagiello, IEPA

bcc: J. Kline, ORC

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

MAR 1 9 1992

REPLY TO THE ATTENTION OF:

John P. Waligore
Assistant Counsel
Division of Legal Counsel
Illinois Environmental Protection
Agency
P.O. Box 19276
Springfield, Illinois

Re: Techalloy Company, Inc. ILD 005 178 975

Dear John:

Enclosed for your review is a draft of the U.S. EPA's proposed Administrative Order on Consent ("AOC") addressing corrective action to be taken at the Union, Illinois, facility of Techalloy Company, Inc., pursuant to Section 3008(h) of RCRA. If you or Kevin Lesko of IEPA's Division of Land and Pollution Control have any comments on this proposed AOC, William Buller of the RCRA Enforcement Branch or I would be pleased to discuss these comments with you. We would particularly appreciate the IEPA's reviewing the statements made in the Findings of Fact section and informing us of any corrections that need to be made to these statements of fact.

At this time, the U.S. EPA foresees that it will be transmitting a proposed AOC to the Techalloy Company by April 10, if not earlier. Subsequently, we intend to arrange a meeting between representatives of the Techalloy Company, the IEPA, and the U.S. EPA.

If you would like to discuss the provisions of the enclosed proposed AOC or any related topics, you may telephone me at (312) 886-7167 or William Buller at (312) 886-4568.

Sincerely,

Jacqueline Kline

Assistant Regional Counsel

Enclosure

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

JAN 2 2 1992

REPLY TO THE ATTENTION OF:

James J. Periconi Donovan Leisure Newton & Irvine 30 Rockefeller Plaza New York, New York

> RE: Techalloy Company, Inc. Union, Illinois, facility

Dear Mr. Periconi:

In a letter of October 21, 1991, directed to Henry Lopes of the Techalloy Company, Inc., the United States Environmental Protection Agency ("U.S. EPA") stated its opinion that the groundwater contamination at Techalloy's Union, Illinois, facility would be most effectively addressed by the U.S. EPA and Techalloy entering into an Administrative Order on Consent. The U.S. EPA is authorized by Section 3008(h) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. § 6928(h), to issue to facilities unilateral orders and consent orders requiring the performance of corrective action or other response measures necessary to protect human health or the environment.

On November 27, 1991, you telephoned me and requested that I consult the Illinois Environmental Protection Agency ("IEPA") to ensure that the IEPA currently thought entry of a RCRA § 3008(h) Administrative Order on Consent was necessary for this Techalloy facility. I agreed to do so and subsequently William Buller of U.S. EPA's Waste Management Division and I spoke with Kevin Lesko and John Waligore of the IEPA about the current situation at this facility. As I informed you by telephone on January 3, 1992, following this consultation with the IEPA the U.S. EPA remains committed to discussing with Techalloy the entry of an Administrative Order on Consent.

During our telephone conversation of January 3, 1992, you indicated that Techalloy was willing to pursue the entry of an Administrative Order on Consent with the U.S. EPA. Based on this indication, I am enclosing a model Administrative Order on Consent for your review. If Techalloy is not interested in performing corrective actions at the Union, Illinois, facility under an Administrative Order on Consent please inform me by Monday, February 10, 1992.

The enclosed model Administrative Order on Consent should give you a better understanding of what performing corrective action pursuant to RCRA § 3008(h) entails. The corrective action process under RCRA § 3008(h) generally is divided into two phases which the U.S. EPA seeks to address in two separate administrative orders on consent. The first phase consists of a RCRA Facility Investigation ("RFI") to evaluate the nature, extent, and movement of any releases of hazardous wastes or hazardous constituents and a Corrective Measures Study ("CMS") to develop and evaluate one or more corrective measures to contain and clean up the releases. Before actually performing the RFI and CMS, a respondent has to submit a RFI Workplan and a CMS Workplan documenting the particular procedures that it will use and actions it will take in performing the RFI and the CMS and containing certain other information; the contents of the RFI and CMS Workplans are delineated by the RFI Scope of Work and the CMS Scope of Work, which are Attachment A and Attachment B of the enclosed model Administrative Order on Consent. Depending on the situation, a respondent also might be required to perform interim response measures while the RFI is under way. The second phase of the process is the selection of corrective measures and their implementation.

The schedule for completing each step of the corrective action varies depending on the situation. Generally, the RFI Workplan is to be completed within sixty (60) days of the signing of the Administrative Order on Consent. The schedule for completing the RFI itself is contained in the RFI Workplan and the time periods allowed for the completion of each task or report depends on the particular requirements of the RFI Workplan. The CMS Workplan typically is due thirty (30) days after the RFI is completed; like the RFI Workplan, the CMS Workplan sets out the procedures that the respondent will follow and the actions the respondent will take in conducting the CMS, including the deadlines for performing each part of the CMS. The final CMS report typically is due ninety (90) days after the RFI is completed. then selects the corrective measures to be implemented and accepts public comment on the RFI, the CMS, and the corrective action the U.S. EPA has selected for the respondent's implementation. After consideration of any public comments, the U.S. EPA makes a final selection of the corrective measures the respondent will be required to perform at the facility.

Once the CMS phase of the corrective action process is completed, a period of negotiation, usually lasting ninety (90) days, commences between the U.S. EPA and the respondent regarding the respondent's implementation of the selected corrective measures. Upon the successful conclusion of these negotiations, a second Administrative Order on Consent dealing with Corrective Measures Implementation ("CMI") at the facility is entered. The model order that I have enclosed covers the first of the two § 3008(h)

corrective action phases described above, and thus concerns only the RFI and the CMS.

You should be aware that I am providing the enclosed model order to you merely to acquaint you with the corrective action process under RCRA § 3008(h). Because this is a general model order any of its provisions may be changed or eliminated from the particular RCRA § 3008(h) Administrative Order on Consent that the U.S. EPA will submit to Techalloy in the future in order to address the groundwater contamination at Techalloy's Union, Illinois, facility. For instance, in the proposed order that will be submitted to Techalloy, it is anticipated that the IEPA, not the U.S. EPA as stated in the model order, will have primary oversight responsibilities. Further, the proposed order will contain Findings of Fact and Conclusions of Law relevant to the Techalloy facility and the groundwater contamination at and around the facility.

Within sixty (60) days we intend to send you a proposed Administrative Order on Consent for the RFI and the CMS phases of the corrective action at this facility. Until then, if you have any further questions or issues that you would like to discuss, you may telephone me at (312) 886-7167 or William Buller at (312) 886-4568. The persons at the IEPA who are working with the U.S. EPA on the corrective action process are Kevin Lesko of the RCRA Permit Section, (217) 782-6762, and John Waligore of the Divison of Legal Counsel, (217) 782-5544.

Sincerely,

Jacqueline Kline

Assistant Regional Counsel

Enclosure

cc: John Waligore, Assistant Counsel, IEPA Kevin Lesko, RCRA Permit Section, IEPA William Buller, RCRA Enforcement Branch, U.S. EPA



(217)782 - 5544

1051

December 16, 1991

Ms. Jacqueline Kline Assistant Regional Counsel Office of Regional Counsel USEPA, Region V 77 West Jackson Boulevard Chicago, Illinois 60604

11109000003-McHenry County

Techalloy, Inc. ILD005178975

Enforcement File-IEPA File Number 274-91-HAZ

Dear Ms. Kline:

This will confirm my oral communication that IEPA still wishes USEPA to issue a §3008(h) Order against Techalloy. IEPA would like to retain its oversight role under the §3008(h) order; Kevin Lesko of our RCRA Permit Section indicated to me that Mr. Bill Buller of USEPA's RCRA Enforcement Section told him this would be possible. Basically, the IEPA wants an §3008(h) order issued because of the following reasons:

- The past history of Techalloy's cooperation with the IEPA is unacceptable. Although the company is now indicating that it will cooperate fully with the IEPA, IEPA has no assurance that the cooperation will continue.
- The contamination associated with the facility is significant enough to warrant an order to assure that remediation takes place.
- If the referral is withdrawn, the IEPA will only be able to continue the cleanup on a voluntary basis with no realistic enforcement options available. (IEPA would like to continue Techalloy's funding of IEPA oversight costs in the same manner as has taken place in the voluntary program to date, however).

Please call me with any questions. IEPA will appreciate being involved in meetings with Techalloy .

Sincerely

John Waligore Assistant Counsel

Division of Legal Counsel

JPW:clw/14

cc: Bill Ingersoll

Bob Carson Greg Dunn Larry Eastep Jim Moore Charlie Zeal Kevin Lesko Stan Black NOV 18 1991

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and

Mr. Henry Lopes Vice President Technical Development Techalloy Company, Inc. 84 Business Park Drive Armonk, New York 10504 Mr. Thomas O. Stotler Registered Agent for Techalloy Company, Inc. Jefferson and Olson Street Union, Illinois 60180

Re: Techalloy Company, Inc. ILD 005 178 975

5HR-12

Dear Mr. Lopes:

The Illinois Environmental Protection Agency has apprised us of the ground-water contamination at your Union, Illinois facility, and your proposal to perform a voluntary clean up program. A review of this matter indicates that Techalloy's efforts, though initially appearing to be quite satisfactory, subsequently have not progressed as would be expected. Existing data indicate that the ground-water contamination has migrated off-site a considerable distance. We are especially concerned that a municipal well has experienced water quality degradation to such an extent that it was taken out of service.

We feel that this matter could best be addressed by Techalloy and the United States Environmental Protection Agency (U.S. EPA) entering into an Administrative Order on Consent pursuant to Section 3008(h) of the Resource Conservation and Recovery Act (RCRA). A 3008(h) Consent Order specifies schedules and performance criteria for facilities committed to perform corrective action for environmental damage.

Please state your intentions on this matter by responding in writing within fifteen (15) days of receipt of this letter. Your response should be directed to the undersigned, Waste Management Division, 5HR-12, U.S. EPA, 230 South Dearborn, Chicago, Illinois 60604. If you have any questions please call Jacqueline Kline (Office of Regional Counsel) at 312-886-7167 or William Buller at (312) 886-4568.

Sincerely yours,

ORIGINAL SIGNED BY JOSEPH M. BOYLE

Joseph M. Boyle, Chief RCRA Enforcement Branch cc: John P. Waligore, IEPA Pete Reeves, IEPA

P.S. Mr. Stotler, please assure that the enclosed letter is presented to the appropriate executive officer for Techalloy Company, Inc. If you have any questions please call William Buller at (312) 886-4568.

bcc: Jacqueline Kline, ORC

5HR-12:WB:be:8/22/91:Filename-LOPES

rev:10/16/91/be rev:11/14/91

AUTHOR'S FILE COPY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 230 SOUTH DEARBORN STREET CHICAGO, IL 60604

107 2 3 301

REPLY TO THE ATTENTION OF: 5HR-12

Mr. Henry Lopes Vice President Technical Development Techalloy Company, Inc. 84 Business Park Drive Armonk, New York 10504

> Re: Techalloy Company, Inc. ILD 005 178 975

Dear Mr. Lopes:

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Sincerely yours,

Joseph M. Boyle, Chief RCRA Enforcement Branch

cc: John P. Waligore, IEPA Pete Reeves, IEPA



217/524-6043

Refer to:

11109000003 -- McHenry County

Techalloy Inc. ILD005178975

Enforcement File -- IEPA File No. 274-91-HAZ

July 23, 1991

Mr. David Ullrich Director, Waste Management Branch U.S. Environmental Protection Agency Region V 230 South Dearborn Street Chicago, Illinois 60604

U.S. ErA, REGION V WASTE MANAGE MENT DIVISION OFFICE OF THE DIRECTOR

Dear Mr. Ullrich:

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The purpose of this letter is to request that the Region V office of the USEPA issue a Corrective Action Order, pursuant to Section 3008(h) of the Hazardous and Solid Waste Amendments of 1984 of the Solid Waste Disposal Act, in order to facilitate the remediation of the groundwater contamination described below.

Site Description and Background:

Techalloy, located in Union, McHenry County, Illinois, is a steel wire drawing facility in operation since 1960. Presently, Techalloy processes steel and nickel alloy rod. Unprocessed, hot-rolled rod is annealed and drawn into wires of varying strengths and diameters. A variety of coatings and cleaners are presently utilized in the production processes, including acidic and caustic cleaners, coating solutions, dyes and rinses.

1987年X 设施工业 医双氯甲酚二甲 In July 1990, Techalloy, which is currently regulated under RCRA interim status, submitted a RCRA Closure Plan for its hazardous waste (TOI) tank and (TO4) container treatment units, and an unpermitted (SO2) tank storage area. Following closure of these units the facility will only be regulated as a generator of hazardous waste.

In 1987, Union's Public Water Supply (PWS) Well #3 was taken out of service due to excessive levels of the following inorganic parameters: ammonia, chlorides, sulfates, sodium and potassium. Techalloy is one of the suspected sources of this contamination.

Based on investigations in early 1990 by IMPHY Alloys, Inc., arising out of its purchase of the stock of Improvator, Inc. (the parent company of Techalloy Company, Inc.), it was determined that there were volatile organic compounds present in the soil and groundwater at the plant site. The suspected source of the contamination is a Solid Waste Management Unit (SWMU) described as a cement pad on which solvents were dumped for "evaporation" until 1971. The results of the sampling clearly indicate that the VOC groundwater



Page 2

contamination from the SWMU(s) has migrated off-site. Monitoring well HRB. which is at least 2,000 feet off-site, has approximately 3,700 ppb of 1,1,2 TCA. Monitoring well MW-7 at the northwest corner of the facility boundary has 15,000 ppb of 1,1,1 Trichloroehtane. Private wells in the areas have also been impacted. Techalloy contacted the IEPA Immediate Removal Unit and requested participation in the Voluntary Cleanup Program. Henry Konzelmann, an agency project manager, has been working with the company to determine the extent of the contamination.

However, Techalloy has become increasingly uncooperative in providing information on the results of their investigation and in allowing the IEPA the opportunity to observe and participate in its sampling.

Another suspected source of the inorganic contamination is Southern California Chemical (SCC), which is about 1,200 feet to the southwest of Techalloy. SCC is currently investigating its relationship to the inorganic contamination.

Because of Techalloy's unwillingness to provide needed information to complete the investigation and due to the offsite extent, the concentration of the contamination, the potential impact on public and private wells in the area and the number of residents suspected to be impacted, it is essential that closure of the units proceed as quickly as possible.

From a potential of harm perspective and a need to "protect human health", as mandated under Section 3008(h), this contamination could cause a serious impact on the surrounding community. For example, there are two residences adjacent to the facility to the east and southeast. A residential area also exists approximately 600 feet to the west across a field owned by Techalloy. A farm is located approximately 1,800 feet directly downgradient and is believed to be on a private well. Also, an elementary school is located approximately 200 feet to the west of the Techalloy property boundary and 1.200 feet from the actual facility.

The IEPA recommends that the Region V office of the USEPA assign a "high" priority rating to this site and issue a 3008(h) Corrective Action Order, which is needed in order to facilitate the remediation of the groundwater contamination in a timely fashion.

Please provide a copy of this letter and the enclosed supporting documentation to the appropriate USEPA staff members assigned to this matter. If your staff should have any technical questions after reviewing the enclosed documents, Kevin Lesko of our Land Pollution Control Section may be contacted at 217/782-6762.

Please see that Mr. John P. Waligore, Assistant Counsel, Division of Legal Counsel, and Mr. Pete Reeves, Legal Assistant are promptly informed of the USEPA personnel assigned to this matter and that they are copied on all orders or other communications directed to the subject facility. Mr. Waligore may be

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Page 3

reached at 217/782-5544 and Mr. Pete Reeves may be reached at 217/782-9830, at IEPA's main headquarters in Springfield, If USEPA should decide that it cannot proceed in this matter, please promptly return these documents to Mr. Waligore, along with a written statement of the reasons for not proceeding. THE LAND THE STREET STREET, SAN THE STREET STREET, STR

Thank you for your assistance.

Yery truly yours

William Indersoll (

Associate Counsel

Division of Legal Counsel

WI:PR:Jas/2193q,40-42

Enclosures :

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cc: John Waligore

Pete Reeves attacks to the second of the sec Records Unit/DLPC

Ellen Morrow

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION V

DATE:

SUBJECT: Techalloy Company, Inc.

ILD 005 178 975

FROM: Lynn Peterson, Chief

Solid Waste and Emergency Response Branch

TO: Joseph M. Boyle, Chief

RCRA Enforcement Branch

My office has reviewed the documents regarding the Union, Illinois, facility of the Techalloy Company, Inc., which you submitted to me with your memorandum dated September 10, 1991. I agree that issuing a Section 3008(h) Corrective Action Order to this facility, as the Illinois Environmental Protection Agency has requested, is appropriate at this time. Also, I have no recommended revisions to your draft letter to the facility proposing that they enter into an Administrative Order on Consent with the U.S. EPA.

The attorney assigned to this case is Jacqueline Kline, whose telephone number is 886-7167.

Attachment

MODIFICATION 300 (R)

RCRA CONSENT AGREEMENT AND FINAL ORDER SIGN-OFF

PART I	BACI	KGROUND	
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	Facili	ty EPA ID Number 1LD 005 178 975	
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	1.	ECAB Assignee	
	2.	Chief, ECAB Section	
	3.	Asst. Regional Counsel 10 AS/OI	
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	6.	Director, WPTD	
	7.	Regional-Administrator / /	9
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HAVE YOU COMPLETED THE CASE CONCLUSION DATA SHEET? DO NOT FORWARD IF IT IS NOT INCLUDED IN SIGN-OFF PACKAGE.

RCRA CONSENT AGREEMENT AND FINAL ORDER SIGN-OFF

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	Director, WMD	WEM	1/27/93							

RCRA CONSENT AGREEMENT AND FINAL ORDER SIGN-OFF

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